

U.S. DEPARTMENT OF HOMELAND SECURITY
Science and Technology Directorate

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Dr. Cellucci accepted a five-year appointment from the Department of Homeland Security in August 2007 as the Federal Government's first Chief Commercialization Officer (CCO). He is responsible for initiatives that identify, evaluate and commercialize technology for the specific goal of rapidly developing and deploying products and services that meet the specific operational requirements of the Department of Homeland Security's Operating Components and other DHS stakeholders such as First Responders and Critical Infrastructure/Key Resources owners and operators. Cellucci has also developed and continues to drive the implementation of DHS-S&T's outreach with the private sector to establish and foster mutually beneficial working relationships to facilitate cost-effective and efficient product/service development efforts. His efforts led to the establishment of the DHS-S&T Commercialization Office in October 2008. The Commercialization Office is responsible for four major activities; a requirements development initiative for all DHS stakeholders, the development and implementation of a commercialization process for DHS, development and execution of private sector partnership programs such as SECURE and leading the private sector outreach for the S&T directorate.

Since his appointment, he has published three comprehensive guides [*Requirements Development Guide* (April 2008), *Developing Operational Requirements* (May 2008), and *Developing Operational Requirements, Version 2* (November 2008)] dealing with the development of operational requirements, developed and implemented a commercialization model for the entire department and established the SECURE Program—an innovative public-private partnership to cost-effectively and efficiently develop products and services for DHS's Operating Components and other DHS stakeholders. In addition, he has written over 25 articles and a compilation of works [*Harnessing the Valuable Experiences and Resources of the Private Sector for the Public Good*, (February 2009)] geared toward the private sector to inform the public of new opportunities and ways to work with DHS. Cellucci has received recognition for his outreach efforts and engagement with the small and disadvantaged business communities who learn about potential business opportunities and avenues to provide DHS with critical technologies and products to help secure America.

Cellucci is an accomplished entrepreneur, seasoned senior executive and Board member possessing extensive corporate and VC experience across a number of worldwide industries. Profitably growing high technology firms at the start-up, mid-range and large corporate level has been his trademark. He has authored or co-authored over 139 articles on Requirements development, Commercialization, Nanotechnology, Laser physics, Photonics, Environmental disturbance control, MEMS test and measurement, and Mistake-proofing enterprise software.

He has also held the rank of Lecturer or Professor at institutions like Princeton University, University of Pennsylvania and Camden Community College. Cellucci also co-authored ANSI Standard Z136.5 “The Safe Use of Lasers in Educational Institutions”. Dr. Cellucci is also a commissioned Admiral and Commander of a Squadron in Texas responsible for civil defense and has been a first responder for over twenty years.

As a result of his consistent achievement in the commercialization of technologies, Cellucci has received numerous awards and citations from industry, government and business. In addition, he has significant experience interacting with high ranking members of the United States government—including the White House, US Senate and US House of Representatives—having provided executive briefs to three Presidents of the United States and ranking members of Congress. Cellucci represents DHS as the first Federal Government member on the U.S. Council on Competitiveness.

Cellucci earned a PhD in Physical Chemistry from the University of Pennsylvania, an MBA from Rutgers University and a BS in Chemistry from Fordham University. He has also attended and lectured at executive programs at the Harvard Business School, MIT Sloan School, Kellogg School and others. Dr. Cellucci is regarded as an authority in rapid time-to-market new product development and is regularly asked to serve as keynote speaker at both business and technical events.

Publications (Examples only):

- “Focus on Small Business”, U.S. Department of Homeland Security, (March 2009)
- “Making it Easier to Work with DHS”, U.S. Department of Homeland Security, (September 2008)
- “Commercialization: The First Responders' Best Friend”, U.S. Department of Homeland Security, (January 2009)
- “Bridging the Communications Gap”, U.S. Department of Homeland Security, (October 2008)
- “DHS Global Outreach Efforts”, U.S. Department of Homeland Security, (November 2008)
- “DHS: Leading the Way to Help the Private Sector Help Itself”, U.S. Department of Homeland Security, (February 2009)
- “Innovative New Partnership Program creates “Wins” for Taxpayers and the Private & Public Sector”, U.S. Department of Homeland Security, (September 2008)
- “Conservative Estimates of Potential Available Market(s)”, U.S. Department of Homeland Security, (December 2008)

For more information on the DHS S&T Commercialization Office, please visit http://www.dhs.gov/xabout/structure/gc_1234194479267.shtm